![Chelsio Communications — Accelerate]

High Performance
10Gb Ethernet Adapters
TOE • iSCSI • RDMA • NIC • Unified Wire

PRODUCT SELECTION GUIDE

CHELSIO is proud to present its third-generation line of 10Gb Ethernet adapters. It provides the highest 10GbE performance available today, setting new benchmarks with which all other Ethernet adapters will be compared.

Chelsio's unique hardware architecture increases bandwidth, reduces latency, and dramatically lowers host-system CPU utilization.

Chelsio's line features a broad selection for all types of applications:

Applications

- Network Attached Storage (NAS)
- IP-based Storage Area Networking
- Server Networking
- IP-based Clustering

Chelsio offers three lines of adapters to satisfy all your network connectivity requirements:

Storage Accelerators

- Highest performing 10GbE adapters for storage, server, and cluster computing
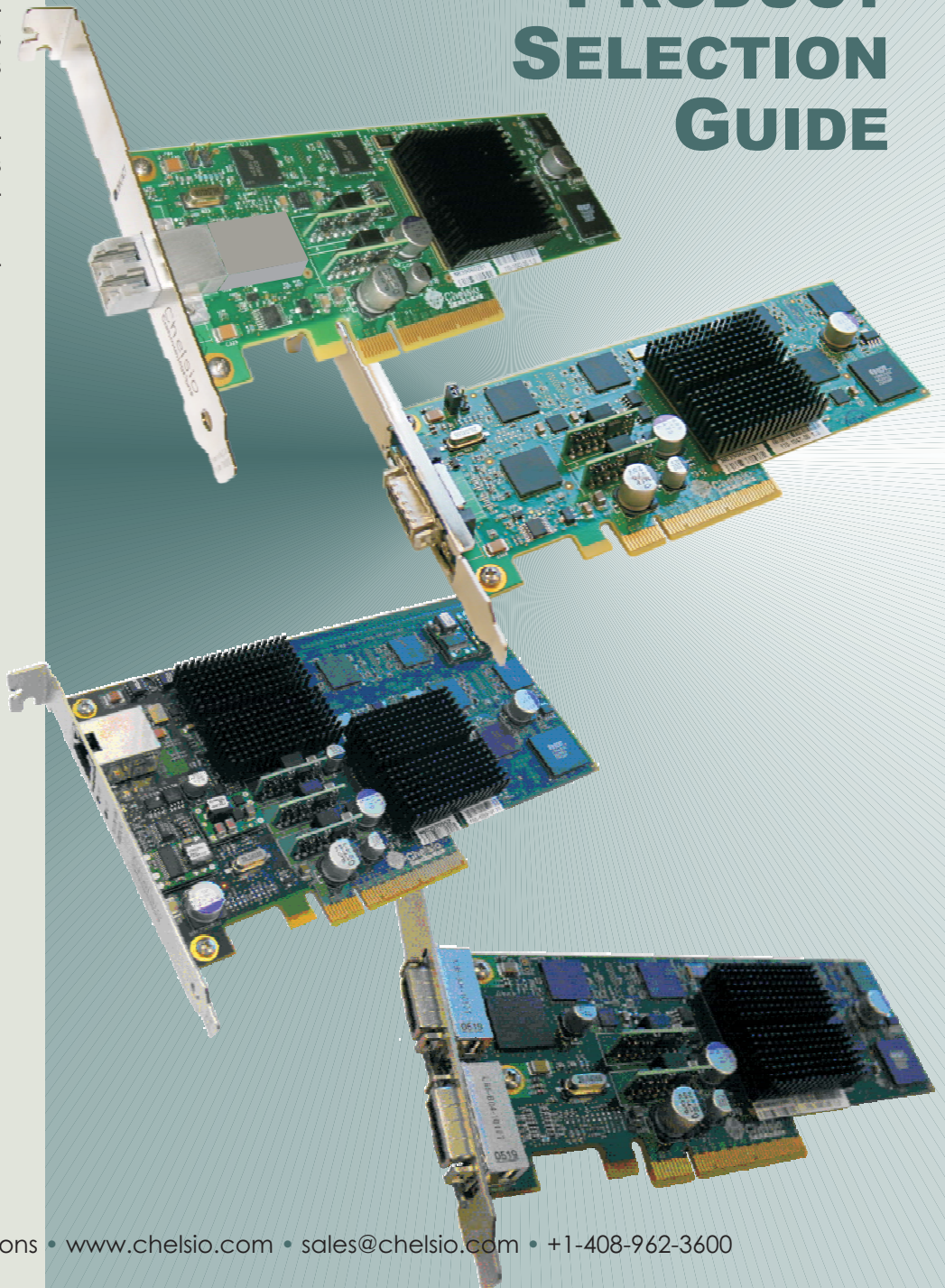
iWARP Adapters

- RDMA over 10GbE for high-performance cluster computing

Server Adapters

- Low-price, high-performance leader for 10GbE networking

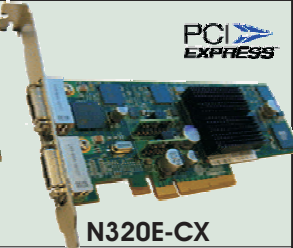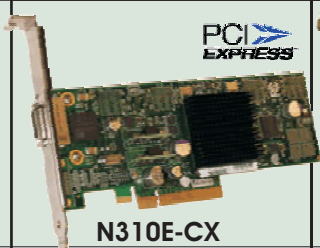*Chelsio will continue to offer new models in the future. Visit www.chelsio.com for updates.*

PRODUCT SELECTION GUIDE

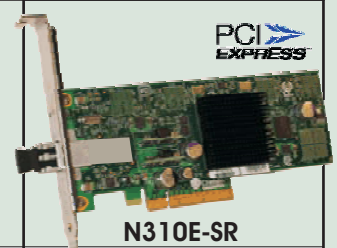*Chelsio provides the most comprehensive selection of 10G Ethernet adapters in the industry.*

SERVER ADAPTERS — Server Networking Applications

10GbE Copper PCI-E

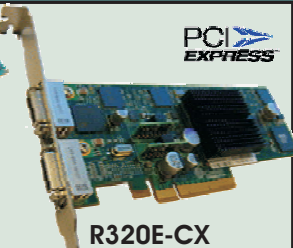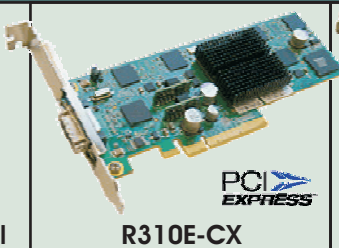| Model	N310E-CX	N320E-CX
Network interface	10GBASE-CX4	10GBASE-CX4
Connection	1 port CX4 copper	2 ports CX4 copper*
Host interface	PCI Express 1.1 x8	PCI Express 1.1 x8
U.S. MSRP	$695	$995

10GbE Fiber PCI-E

Model	N310E-SR
Network interface	10GBASE-SR
Connection	1 port MMF (850nm)
Host interface	PCI Express 1.1 x8
U.S. MSRP	$1095

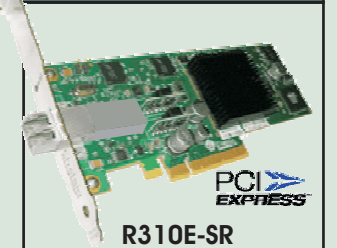*Supports active optical cables with distances up to 100 meters.

iWARP ADAPTERS — RDMA • Cluster Computing

10GbE Copper PCI-E

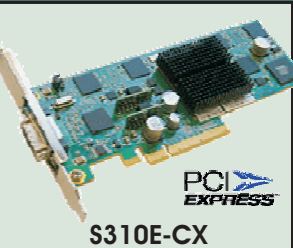| Model	R310E-CX	R320E-CX
Network interface	10GBASE-CX4	10GBASE-CX4
Connection	1 port CX4 copper	2 ports CX4 copper*
Host interface	PCI Express 1.1 x8	PCI Express 1.1 x8
U.S. MSRP	$895	$1195

10GbE Fiber PCI-E

Model	R310E-SR
Network interface	10GBASE-SR
Connection	1 port MMF (850nm)
Host interface	PCI Express 1.1 x8
U.S. MSRP	$1295

*Supports active optical cables with distances up to 100 meters.

STORAGE ACCELERATORS — Unified Wire • TCP/IP Offload • Storage

10GbE Copper PCI-E

Model	S310E-BT	S310E-CX	S320E-CX
Network interface	100/1G/10GBASE-T	10GBASE-CX4	10GBASE-CX4
Connection	1 port RJ-45	1 port CX4 copper	2 ports CX4 copper*
Host interface	PCI Express 1.1 x8	PCI Express 1.1 x8	PCI Express 1.1 x8
U.S. MSRP	$1495	$1195	$1495

*Supports active optical cables with distances up to 100 meters.

STORAGE ACCELERATORS
Unified Wire • TCP/IP Offload • Storage
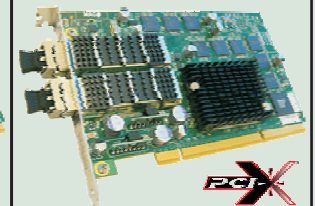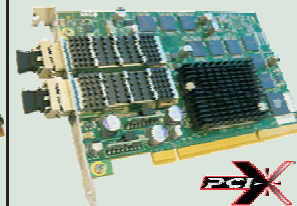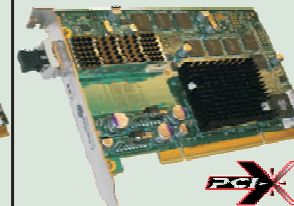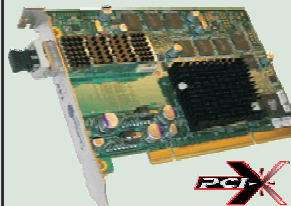
10GbE Fiber PCI-E

Model	S310E-SR	S310E-LR-XFP	S320E-SR-XFP	S320E-LR-XFP
Network interface	10GBASE-SR	10BGASE-LR	10GBASE-SR	10BGASE-LR
Connection	1 port MMF (850nm)	1 port SMF (1310nm)	2 ports MMF (850nm)	2 ports SMF (1310nm)
Host interface	PCI Express 1.1 x8	PCI Express 1.1 x8	PCI Express 1.1 x8	PCI Express 1.1 x8
U.S. MSRP	$1495	$2495	$2995	$3995

STORAGE ACCELERATORS
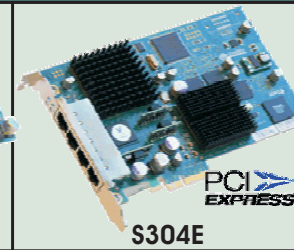### Unified Wire • TCP/IP Offload • Storage

10GbE Fiber PCI-X

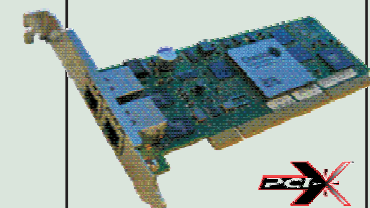| Model	S310X-SR-XFP	S310X-LR-XFP	S320X-SR-XFP	S320X-LR-XFP
Network interface	10GBASE-SR	10GBASE-LR	10GBASE-SR	10GBASE-LR
Connection	1 port MMF (850nm)	1 port SMF (1310nm)	2 ports MMF (850nm)	2 ports SMF (1310nm)
Host interface	PCI-X 2.0	PCI-X 2.0	PCI-X 2.0	PCI-X 2.0
U.S. MSRP	$1995	$2495	$2995	$3995

STORAGE ACCELERATORS
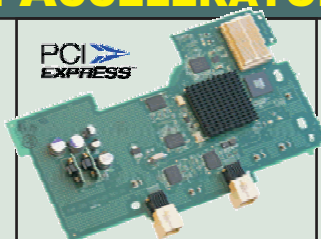### Unified Wire • TCP/IP Offload • Storage

1GbE Copper PCI-E

Model	S302E	S304E
Network interface	1000BASE-T	1000BASE-T
Connection	2 ports RJ-45	4 ports RJ-45
Host interface	PCI Express 1.1 x4	PCI Express 1.1 x4
U.S. MSRP	$795	$1495

1GbE Copper PCI-X

Model	S302X
Network interface	1000BASE-T
Connection	2 ports RJ-45
Host interface	PCI-X 2.0
U.S. MSRP	$795

STORAGE ACCELERATORS
Unified Wire • TCP/IP Offload • Storage

10GbE PCI-E Mezz Card

Model	S320EM-BC
Network interface	2 ports XAUI
Host interface	PCI Express 1.1 x8
Blade Server	IBM BladeCenter H
U.S. MSRP	$995

Chelsio Communications
Accelerate

High Performance
10GbE Ethernet Adapters

Software

Chelsio's iSCSI Target software is available for licensing to qualified OEMs. Please contact sales@chelsio.com.

Drivers

See www.chelsio.com for latest info.

Support

- 1-year limited hardware warranty – free repair or replacement for faulty hardware due to Chelsio defect or failure.
- Extended warranty to 3 years can be purchased within first year for 20% of list price of adapter.
- 30 days free technical support, software maintenance & upgrades with the purchase of any Chelsio adapter or software product.

Ordering info

T3SW10G	10G iSCSI software
T3SW2G	1G iSCSI software
T3HW10G	10G HW support extended 3-year warranty
T3SWCHM1	Chimney driver software – 1 port: $150
T3SWCHM2	Chimney driver software – 2 ports: $250